



AKSHYA TraMo NT101-S1

GNSS-NavIC L5 enabled Vehicle Monitoring System



GNSS-NavIC Hardware

- **Supported Constellations:**
 - NavIC L5, GPS L1, Galileo E1, Beidou B1, QZSS L1, SBAS L1 (User selectable)
- **Accuracy:**
 - Position : 2.5m CEP
 - Velocity: 0.1 m/s
- **Startup Time:**
 - Cold Start : <30s
 - Hot Start : ~1s
- **Update Rate : 1 Hz (Configurable up to 10 Hz)**
- **Sensitivity:**
 - Cold Start : Better than -140 dBm
 - Tracking : Better than -153 dBm
- **Operational Limits :**
 - Altitude : < 70,000 m
 - Velocity : < 500 m/s
- **Antenna: L1, L5 Patch Antenna**

Communication Module

- **Quad Band:** 850,900,1800,1900 MHz
- **GPRS connectivity:** GPRS Multislot Class 10
- **Transmission Power:**
 - Class 4 (2W) on GSM 850 / EGSM 900
 - Class 1 (1W) on DCS 1800/ PCS 1900
- **Supported Coding Schemes:** CS 1, 2, 3, 4
- **SIM type:** Plastic Micro SIM (SIM card not included)
- **Communication type:** TCP/IP, SMS(optional)

General:

- **Onboard Storage:** SD card support (SD Card not included)
- **Internal Battery:** 1000 mAh, 2500 mAh (Optional)
- **WiFi & BLE Connectivity** (Optional)
- **Enclosure (Optional):** ABS with option for connector cable for connection with vehicle power

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